V Please type a plus sign (+) inside this box  Under the Paperwork Reduction Act of 1995, no persons are required to response	PTO/SB/05 (03-01 Approved for use through 10/31/2002. OMB 0651-003; U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCI and to a collection of information unless it displays a valid OMB control number			
UTILITY	Attorney Docket No.			
PATENT APPLICATION	First Inventor Louis Wein Johnson			
TRANSMITTAL	Title			
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No.			
APPLICATION ELEMENTS  See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231			
1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)  2. X Applicant claims small entity status. See 37 CFR 1.27.  3. X Specification [Total Pages [25]] - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix  Background of the Invention  Brief Summary of the Invention	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. paper  c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS			
★ Brief Description of the Drawings (if filed) ★ Detailed Description				
Claim(s) Abstract of the Disclosure  4. 14 Drawing(s) (35 U.S.C. 113) [ Total Sheets 39 ]	9. Assignment Papers (cover sheet & document(s))  10. 37 CFR 3.73(b) Statement Power of (when there is an assignee)  11. English Translation Document (if applicable)			
a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	12. Information Disclosure Statement (IDS)/PTO-1449 Citations  13. Preliminary Amendment  14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  15. Certified Copy of Priority Document(s) (if foreign priority is claimed)  16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.			
6. Application Data Sheet. See 37 CFR 1.76	17. Other:			

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. Group Art Unit: 19. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label 35906 Correspondence address below Name Louis Wein Johnson 345 Palomino Dr. Address City Eugene State Oregon Zip Code 97401 Country USA Telephone 541 345-8872

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,

of prior application No.:\_

Registration No. (Attorney/Agent)

Continuation-in-part (CIP)

or in an Application Data Sheet under 37 CFR 1.76:

Continuation

Name (Print/Type)

Signature

Date Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application.



PTO/SB/17 (05-03) Approved for use through 04/30/2003. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Inder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## Complete if Known TRANSMITTAL **Application Number** PTO for FY 2003 Filing Date First Named Inventor Louis Wein Johnson

Effective 01/01/2003. Patent fees are subject to annual revision. **Examiner Name** X Applicant claims small entity status. See 37 CFR 1.27 **Art Unit (\$)** 1243 **TOTAL AMOUNT OF PAYMENT** Attorney Docket No.

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)				
X Check Credit card Money Other None	3. A	3. ADDITIONAL FEES				
Deposit Account:	Large I		Small	Entity		
Deposit Account	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description Fee Palc	<u>.</u>
Number	. 1051	130	2051			
Deposit Account Name	1052	50	2052	25	5 Surcharge - late provisional filing fee or cover sheet	
The Director is authorized to: (check all that apply)	1053	1053 .130 1053 130 Non-English specification		Non-English specification	4	
X Charge fee(s) indicated below 2 Credit any overpayments	1812 2,520 1812 2,520 For filing a request for ex parte reexamination		For filing a request for ex parte reexamination	_		
Charge any additional fee(s) during the pendency of this application	1804 920* 1804 920* Requesting publication of SIR prior to Examiner action		Requesting publication of SIR prior to Examiner action			
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action					
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month .	Ш
1. BASIC FILING FEE	1252	410	2252	205		4
Large Entity Small Entity	1253	930	2253	465	Extension for reply within third month	_]]
Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	. 1254	1,450	2254	725	Extension for reply within fourth month	
1001 750 2001 375 Utility filling fee 37/5	1255	1,970	2255	985		
1002 330 2002 165 Design filing fee	1401	320	2401	160	Notice of Appeal	
1003 520 2003 260 Plant filling fee	1402	320	2402	160	Filing a brief in support of an appeal	
1004 750 2004 375 Reissue filing fee	1403	280	2403	140	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	510 Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 375.	1452	1452 110 2452 55 Petition to revive - unavoidable		Petition to revive - unavoidable	$\rfloor  $	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1453 1,300 2453 650 Petition to revive - unintentional		4		
Fee from	1501 1502				41	
Total Claims 16 -20** X Fee Paid		470	2502		Design issue fee	4
Independent 7 -3** = 4 × 12 = 168	1503 1460	630	2503 1460		Plant Issue fee	41
Multiple Dependent	1807	130 50	1807		Petitions to the Commissioner	-
Large Entity   Small Entity	1806	180	. 1806		Processing fee under 37 CFR 1.17(q)	┨╢
Fee Fee Fee Fee Description Code (\$)	8021	40	8021		Submission of Information Disclosure Stmt  Recording each patent assignment per	11
1202 18 2202 9 Claims in excess of 20	}			, '5	property (times number of properties)	41
1201 84 2201 42 Independent claims in excess of 3	1809	750	2809	3/5	Filing a submission after final rejection (37 CFR 1.129(a))	Ш
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	For each additional invention to be	$\prod$
1204 84 2204 42 ** Reissue independent claims over original patent	1801	750	2801	375	examined (37 CFR 1.129(b)) Request for Continued Examination (RCE)	11
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802		Request for expedited examination	╣
	Other f	of a design application Other fee (specify)				<del> </del>
SUBTOTAL (2) (\$) 168. **or number previously paid, if greater, For Reissues, see above	*Reduced by Resin Filing For Poid					†
SUBMITTED BY (Complete (If applicable)  Name (Print/Type)						

SUBMITTED BY			(Complete (# applicable)
Name (Print/Type)	Louis W. Johnson	Registration No. 35906	Telephone 541 345 8872
Signature	Nous on bohnson		Date 7-14-03
	***************************************		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.